

Kennecott
Utah Copper
P.O. Box 525
Bingham Canyon, Utah 84006-0525
(801) 569-6555

Michael H. Gibson
Director, Environmental Affairs

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DIVISION OF
OIL, GAS & MINING

Kennecott

February 2, 1990

Mr. Lowell Braxton, Associate Director
State of Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center - Suite 350
Salt Lake City, UT 84180-1203


Subject: 1989 Bingham Canyon Mine (M/035/002) Annual Report

Dear Mr. Braxton:

Enclosed is the 1989 Annual Report of Mining Operations for Kennecott Utah Copper (KUC) operations, covering the Bingham Canyon Mine and associated facilities. Please see the attached summary of activities.

Please feel free to contact myself or Bart Kale of my staff should you have any questions or comments regarding this information.

Very truly yours,



Michael H. Gibson
Director, Environmental Affairs

MHG:bt

Enclosure

cc: R. K. Davey
G. H. Boyce
B. D. Kale

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Telephone: (801) 538-5340

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. GENERAL INFORMATION

1. Report Time Period: From (mo./yr.) 9-15-88 To (mo./yr.) 7-30-89
2. DOGM File Number (original notice): M / 035 / 002
3. Mine Name: Bingham Canyon Mine
4. Mineral(s) Mined: Copper and Minerals associated with Copper.
5. Name of Operator or Company: Kennecott Utah Copper
6. Permanent Address: P. O. Box 525
Bingham Canyon, UT 84006-0525
7. Company Representative (or designated operator):
Name: Mike Gibson
Title: Director, Environmental Affairs
Address: P. O. Box 525
Phone: Bingham Canyon, UT 84006-0525

☒ Please check if any of the above information has changed since previous year.

II. MINING AND RECLAMATION

1. Was the mine active during the past year? Yes ☒ No ☐
2. If active, how much ore or mineral was mined? 34,300,000 short tons

3. Briefly describe any new or additional surface disturbances that occurred during the past year. This description should include the type of work performed, volume of material moved, and the acreage affected.

See attached information

4. Briefly describe the reclamation work performed during the past year. This description should include acreage reclaimed, methods employed, and an evaluation of the results.

See attached information

5. What was the total unreclaimed acreage at years end? Since the 1977
Approval to Mine, 1074.2 acres have been disturbed.

6. Briefly summarize mining and reclamation planned for the upcoming year.
Please see Reclamation Activities Plan for 1990 submitted separately.

NOTE: Section III., "Additional Information" applies only to large mining operations.

III. ADDITIONAL INFORMATION

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.
2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached.

IV. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct.

Signature of Operator:

Michael H. Gibson

Name (Typed or Print):

Michael H. Gibson

Title of Operator:

Director, Environmental Affairs

Date:

1-31-90

ANNUAL REPORT OF MINING OPERATIONS

3. In regard to the current reporting period, in accordance with Paragraph (b) Rule M-8, Utah State Mined Land Reclamation Act of 1975 for the period 15 September 1988 to 30 July 1989 the following mining disturbances occurred.

Disturbed natural terrain during the period was confined to the following sections in Salt Lake County.

Sections 31	T3S, R2W SLB&M
Sections 26, 27, 33, 34	T3S, R3W SLB&M
Section 6	T4S, R2W SLB&M
Section 1	T4S, R3W SLB&M

During the reporting period, mining operations mined an estimated 34,300,000 short tons of ore.

During the reporting period, an estimated 27,850,000 short tons of waste material were removed from the mine and deposited on waste dumps. Mining cuts, waste disposal operations and construction work disturbed an estimated 24.4 acres of previously undisturbed ground (see attached map). This disturbed area is summarized as follows:

1. Area disturbed by Waste operations	4.47 Acres
2. Area disturbed by construction work	2.35 Acres
3. Area disturbed by mining	17.52 Acres
Total Area	24.34 Acres

No other major disturbance of natural ground occurred in the area of the Bingham Canyon Mine.

ANNUAL REPORT OF MINING OPERATIONS

4. The following reclamation projects were completed during the reporting period:
- a. Tall Tree Project, Phase II, Tailings Pond, Magna, Utah
 - Method: Individually planted tall trees with associated drip irrigation system
 - Area: 10 acres
 - Materials: 1,170 tall trees (globe willow, black locust, bolleana poplar)
 - Time: October, November 1988
 - b. Tailing Pond Berm Dust Control, Magna, Utah
 - Method: Seeding and fertilize by drill
 - Area: 300 acres
 - Materials: 65 tons of fertilizer, 2 tons of seed
 - Time: October, November, December 1988
 - c. UCD Modernization Project - Post construction reclamation including disturbed areas around the Copperton Concentrator as well as along 13 miles of pipeline corridor.
 - Method: Seeding by helicopter, drill
 - Area: 300 acres
 - Materials; 65 tons of fertilizer, 2 tons of seed
 - Time: October, November, December 1988